

# **Safeguards and Security (RL-0020)**

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## Overview

This section addresses Project Baseline Summary (PBS) RL-0020, *Safeguards and Security (SAS)*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of June 2004.

## Notable Accomplishments

**Performance Tests:** Fluor Hanford (FH) Safeguards and Security (SAS) conducted three force-on-force exercises on June 9, 2004 that involved over 75 participants including protective force members, exercise controllers, and "adversary" team players. The exercises reflected that the security measures can successfully protect DOE resources against the postulated threat. The exercises were conducted without any accidents or injuries.

**Computer Simulations:** FH SAS personnel traveled to Sandia National Laboratories to conduct computer assisted evaluations (Joint Conflict and Tactical Simulations) of security measures at Hanford. The SAS team conducted over 30 computer simulation exercises including a wide variety of exercise scenarios. The exercises validated the protection measures outlined in the Hanford DBT Implementation Plan and the revised Hanford Patrol Contingency Plan.

**VPP Star Status:** DOE conducted a Voluntary Protection Program (VPP) Recertification of Protection Technology Hanford (PTH) June 24-30, 2004. The team reviewed all aspects of the PTH safety program and announced their recommendation to DOE that PTH retain the VPP Star status.

**Hanford Patrol Class:** FH SAS completed a four-week class of Security Police Officer (SPO III) candidates on June 7, 2004 based on an approved DOE curriculum. After completing the DOE phase of the training, FH conducted another two weeks of Hanford-specific training. The training included classroom instruction, firearms training, physical fitness, and obstacle course runs. Fourteen of the initial 23 candidates completed the course.

**Benchmarking Visit:** Three representatives from the DOE Savannah River Site (SRS) visited Hanford to compare business practices for managing safeguards and security operations. The visit included discussions on strategic planning documents, security analyses, performance tests, security operations, nuclear material control and accountability, and resource planning. The visit was beneficial for both Hanford and the SRS representatives.

**Safety:** For June, PTH experienced six first aid cases but did not experience any lost-restricted or recordable incidents.

## FY 2004 FH Funds versus Forecast (\$000)

	FY 2004 Anticipated Funding w/Carryover	FY 2004 Fiscal Year Spend Forecast	Variance
Safeguards & Security	\$ 57,105	\$ 54,880	\$ 2,225

## FY 2004 Schedule/Cost Performance (\$000)

	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
Safeguards & Security	36,360	36,360	38,827	0	0%	-2,467	-7%	50,000

Numbers are rounded to the nearest \$K.

**Schedule Performance (\$0K/0%):** The schedule performance variance is within the established +/- 10 percent or \$1M threshold, therefore no variance analysis is provided.

**Cost Variance (-\$2,467K/-6.8%):** The unfavorable cost variance has two primary causes: \$1,310K is for carryover work planned/funded in FY 2003, but completed in FY 2004. The budget associated with this level-of-effort activity is reflected in the FY 2003 budget reporting, but the cost has been incurred and is reported in FY 2004. The remaining overrun (\$1,157K) is due to work authorized and performed without budget loaded in the financial reporting system. Budget will be added as part of the July Baseline Adjustment, eliminating the cost overrun.

### Performance Analysis FYTD and Monthly (\$000s)

